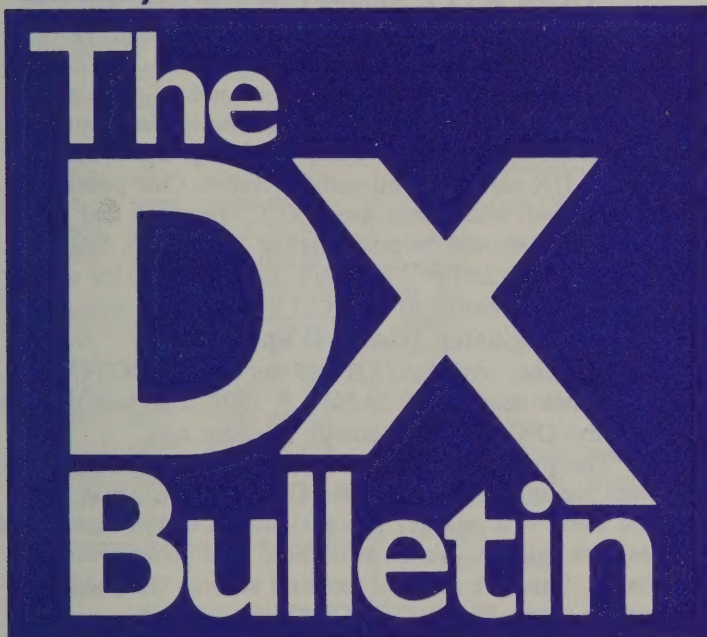


**Kingman Reef - KH5K** Veterans (survivors?) of the last Clipperton FO0CI and South Sandwich VP8SSI operations will operate from Kingman Reef for 8-9 days, beginning in late February. They'll also send an operating team to **Palmyra KH5** for a few days. The multi-national crew includes N0AFW N9NS W7KNT AH9B V73CT and some others, with up to 12 ops in all. They are especially interesting in raising funds for this expensive undertaking; contact Pete Myers N0AFW for details.

**Cayman Islands - ZF** Bruce W6OSP and Joe WA6VNR will operate as **ZF2AH** and **ZF2QM** Dec. 10-14. They'll join ZF1DJ and other Cayman locals for a multi-op entry in the ARRL 10-Meter contest Dec. 12-13, as **ZF1A**. QSL the ZF2 calls to their home addresses, and ZF1A via ZF1E.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

**Tonga - A3** The Robidoux twins, Janet K0JE and Janice K0JA will operate from Tonga to Dec. 10, as **A35JE** and **A35JA** respectively. Both SSB and CW, on the usual DX frequencies. They have skeds on 7025± kHz at 0600Z, 28495 kHz at 1730Z, moving to 21295 at 1740Z, and 14195 kHz at 1750Z, if the higher bands aren't open. They'll repeat that sequence at 1830Z. QSL home address: 6775 E. River Road NE, Fridley MN 55432. Sunrise 1740Z; sunset 0645Z.

**Somalia - T5** Chuck Brainard KA1PM plans to operate as **T5CB** for two weeks, sometime this month. He'll be on SSB only, on 14195, 14246, 21295, and 28495 kHz. QSL to his home address: P. O. Box 1311, Buena Vista CO 81211-1311.

## DXpedition News, Continued

**Desecheo - KP5** The operators depart KP4 about 1130Z Dec. 28, and expect to be on the air by 2300Z, weather permitting. Try 1830, 3505, 7005, 10105, 14020, 18075, 21020, 24900, and 28020 kHz on CW, 3790, 7090/7150, 14195, 18125, 21295, 24940, and 28395 kHz on SSB. For RTTY, check 3620, 7085, 18105, and 80 kHz up. QSL all /**KP5** calls to Randy Rowe N0TG, P. O. Box 891, Desoto TX 75123-0891. Directly only, with SASE, please. \*Any additional donations received will be greatly appreciated.\*

## Shortly Noted

- **TU4SR** has been very active; try 10104 kHz at 0300Z, 14025/0130-0400Z, 21025/21-01Z, 24895/1530, and 28025/12-1400Z. QSL to OH8SR.
- The Germans in the Pacific were spotted from the Solomons on 3507/12Z, 7007/15Z, 7003/1145Z, 10105/0930Z, 21027/23Z, and 24901/23Z. They should be on from Wallis FW to Dec. 15. QSL address is in Issue 661.
- **5X5WR** is being guest-oped on CW by Baldur DJ6SI, for a short time. QSL to DJ5RT.
- **7P8SR** and **ZS6QU** have been popular on the new bands around their sunset: 1700Z.
- **BVs** have been reported on **80 meters**. BV7JA, BV2A, and BV2DJ have been near 3503 kHz at 1430Z.
- **S21B** finally got on the air Nov. 23, thanks to INDEXA and WZ6C. He's using an Icom 730 and wire antennas. QSL to W4FRU.
- **N2QHO/D2** says he'll be in Angola for two years, SSB only. QSL route to be determined.
- **P5DTG** appears to be another North Korea Slim. Don't try to QSL (via OK1DTG) at this time.
- SSB Nets: **TN1AT** is once again available in the 14256 net at 2000Z first and third Saturdays. Check-ins: **14227:** (11,22Z) VP8CKB 4S7EA TT8OBO 9M8BL VS6GA JY40ZH JT5AA S21A FS/N3NCW 3D2DM VK9LD EA9PB; **14236:** (03Z) HF0POL JT1BG; **14256:** (2330Z) FR5AI/G TR8JH TN1AT JX7DFA JY40BM; **21335:** (14Z) ZB2AZ RH8BKA 4N4CR.
- **RTTY:** WB8YJF reports that RTTY DXing on the new bands combines low noise, little QRM, and good band conditions, but few takers. Regulars: **3B8CF** 14086 0300Z; **BY1QH** 14087 0030Z.
- **Focus on: Antarctic Region:** The current summer season in the Antarctic region means a dramatic increase in the number of amateur stations. Among the most active are: **HF0POL** (South Shetlands, QSL SP9DWT) 75M/0030Z, 80M/03-07Z, 14014/0030Z) **VP8GAV** (Antarctica, QSL GM0LVI) 1833/04Z, 3505/0130-0330Z, 7005/23Z, 10102/21-23Z, 14022/03Z, and 28020/14Z; **4KIYAR** (Ant. QSL UA3YAR) 14023±/01-03Z; **KC4AAA** (South Pole, Ant., QSL NC6J) 14030/02Z; **KC4/W6REC** (Ant., QSL W6REC) 14026±/04Z; **LU1ZA** (South Orkneys, QSL LU2CN) 14255/04Z; **VP8VN** (Falklands, QSL G4LGZ) 14010 0030Z.

## Propagation

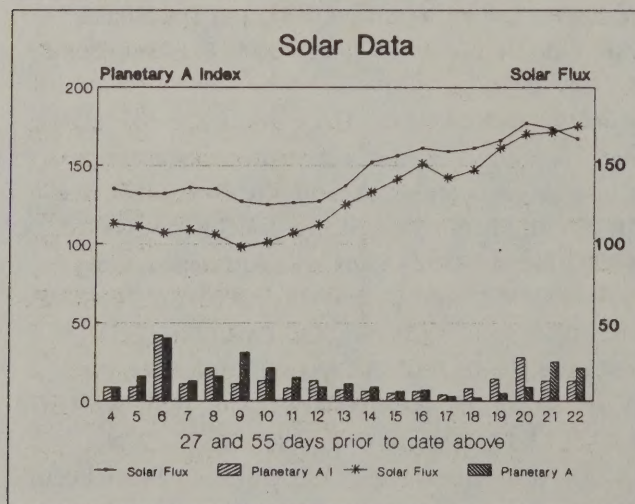
### Forecast and Historical Data

Day	Forecast	27 Days Before				55 Days Before			
December 1992		Date	Flux	A	K	Date	Flux	A	K
4	Above Normal	11/07	135	11/09	1	10/10	113	09/09	1
5	Above Normal	11/08	132	10/09	2	10/11	111	14/16	3
6	Disturbed	11/09	132	24/42	3	10/12	107	32/40	2
7	High Normal	11/10	136	11/11	2	10/13	109	15/13	4
8	Low Normal	11/11	135	21/21	2	10/14	106	16/16	3
9	High Normal	11/12	125	12/13	2	10/15	98	26/31	3
10	High Normal	11/13	126	14/08	2	10/16	101	22/21	1
11	High Normal	11/14	127	08/13	2	10/17	107	12/15	2
12	High Normal	11/15	137	11/07	3	10/18	112	10/09	3
13	Above Normal	11/16	152	08/06	2	10/19	125	08/11	2
14	Above Normal	11/17	152	07/06	1	10/20	133	07/09	1
15	Above Normal	11/18	183*	03/05	2	10/21	141	05/06	2
16	Above Normal	11/19	161	07/06	1	10/22	151	04/07	1
17	Above Normal	11/20	159	02/04	0	10/23	142	03/03	0
18	Above Normal	11/21	161	11/08	0	10/24	147	01/02	0
19	High Normal	11/22	166	10/14	3	10/25	161	05/05	1
20	Low Normal	11/23	177	25/28	3	10/26	170	11/09	3

### Propagation Watch

The CQ contest gang has done it again, with good-to-excellent propagation for the CQWW CW test. Solar flux dropped from its peak earlier in the week, but remained high enough to keep 10 meters open most of the day. Perhaps more important, the very quiet geomagnetic field, especially in the higher latitudes, meant that the polar and high-latitude paths were open. Two small flares erupted on Sunday, but did not significantly affect propagation. The Type II radio sweep came at about 0845Z, sparing the Western Hemisphere. [The immediate effects of a solar flare came be noticed only on the sunlit side of the earth.]

While the propagation has been excellent, it is unlikely to continue this way much longer. Solar activity has been significantly higher than expected during the past two months. Look for the sun to 'catch up' with very low levels of activity in coming months. Reduced solar flux, combined with seasonal declines in the maximum useable frequency (MUF) as we approached the winter solstice, will mean fewer, shorter, weaker 10- and 12-meter openings in coming months. DXers may want to monitor the 10-meter beacons in the 28100-200 kHz range to help spot openings. A current list of 10-meter beacons is available from The DX Bulletin for an SASE. Good hunting!



## Three New DXCC Countries from ex-Yugoslavia

The ARRL Awards Committee voted unanimously to accept the DXAC recommendations to add **Croatia 9A**, **Slovenia S5**, and **Bosnia-Herzegovina 4N4** to the DXCC Countries list. Croatia and Slovenia are added for contacts made June 26, 1991 or later, and Bosnia-Herzegovina for contacts made Oct. 15, 1991, or later. The DXCC Desk will accept cards from these three countries after **January 1, 1993**. Cards received prior to Jan. 1 will be returned without action. The Awards Committee did not vote on, nor even schedule a vote on, adding **Macedonia 4N5** to the DXCC Countries list, as the DXAC also recommended.

### 1993 Callbooks Available

The 1993 editions of the Flying Horse *Callbooks* are available for \$26 each, or \$49 for both, including UPS shipping to the contiguous 48 states. Plus, include your latitude and longitude and get a free custom computer beam-heading chart for DX and US QTHs and a free 1993 ham calendar, too. Check or money order to Mike Klein KC3NE, Box 306, Cheltenham PA 19012.

### TARA RTTY Sprint Contest Dec. 13

The Troy (NY) Amateur Radio Association is sponsoring its first RTTY Sprint contest, 1900-2300Z Sunday, Dec. 13. 80, 40, 20, 15, and 10 meters, with one transmitter, and either single-op or multi-op. Separate categories for less than 150 watts. Exchange signal report and state; DX stations send serial number. One point per QSO per band. Multipliers are DXCC countries and US states. Entries should be post-marked by Jan. 15, 1993, to: Bill Eddy, 2404 22nd St., Troy NY 12180. SASE for a copy of the results. (Thanks to the RTTY Journal.)

### Easter Island DXpedition

"Together with LA7XB and my wife SM0OTG I visited Easter Island Oct. 28-Nov. 5, 1992. This was the site for my first DX operation exactly 20 years ago.

"The prefix for Easter Island is CE0Y or XQ0Y and we were signing CE0Y/own calls. During the CQWW SSB contest there was another group signing CE0Y, which is not a complete callsign. We have nothing to do with their operation, but have already received several QSL requests meant for them. Please QSL CE0Y via K6VNX.

"Most of the days we were touring the island and were QRV mainly at nighttime. Conditions were not good. In my log I have some 2100 QSOs with 98% on CW. Several wee hours were spent on 1.8 MHz but we could work only stateside stations plus ON4UN. We heard also JF1NZW but could not make contact with him. We left our antennas with XQ0YAF. He is a keen CW operator and is now QRV on all HF bands expect for 10 MHz, which is not allowed in Chile."

73, Erik SM0AGD

### QSLs Received

- From managers: V85XF (G3TXF, 6 WKS); VP8CBA (W6MKB 7 MOS); ZA1TAJ (I2MQP, 3 MOS); YN1CC (W3HMK 2 WKS); VP8CFM (GM4KLO 3 MOS); ZD8Z (VE3HO 1 MO); P40RY (AA5AU 1 MO); TJ1GG (LA5NM 1 MO); YIIBGD (LA5NM 1 MO); TU4SR (OH8SR 6 MOS); SV0HS/SV5 (DK6AS 6 MOS); HT1T (SM0KCR 2WKS!); YX0AI, XU8CW, VU7DVP.
- Direct: YN7JL (6 WKS); J28FO (6 WKS); 5N32ZKJ (6 WKS); PZ1DY (1 MO); LY2BR (3 WKS); KH3AE (2 WKS).

# B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. \* = long path. P = packet.  
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19

## RTTY

3B8CF	14087	0302	26	FL
BY1QH	14087	0023	18	CA
HKØDPA	14090	0044	21	WV
S79S	21085	1950	25	CA
TU4EB	14082	2200	21	OH
TY1PS	14089	2145	21	OH
Z21HQ	28086	1348	22	FL

## 160 Meters

FK8CP	1838	0723	28	IL
HH2PK	1840	0332	18	CT
T32AF	1834	0435	28	IL
VP8GAV	1833	0356	19	AL
ZS5LB	1834	0243	16	WV

## 80 Meters

5Z4TT	3501	2125	17	NH
BV2DJ	3503	1431	21	CA
BV2TA	3507	1420	25	CA
ES4AA *	3503	1433	22	CA
GD4UOL	3507	2213	23	VA
H44IO	3507	1220	27	IL
HFØPOL	3503	0317	26	FL
JA1HQT	3508	1108	25	MO
OD5/	3510	0029	16	CT
SP1MHV				
RZ9UA *	3507	1140	19	MA
SV9BAI	3506	0054	25	MO
UAØXAO	3502	0645	23	CA
VK6HD	3507	1105	21	NH
VK6HD *	3501	2120	20	MA
VP8GAV	3506	0127	18	WV
VQ9QM	3503	2300	21	NH
ZS4TY	3509	0310	23	MO

## 75 Meters

HH7PK	3985	0621	21	MN
PZ1EL	3800	0558	21	CA
XU2UN	3795	1455	21	CA
YS1AG	3790	0645	21	CA
3B8CF	7003	0220	18	AL
3DAØBK	7007	0310	19	IA

## 40 Meters

4K2MAL	7001	1325	21	IA
6W6JX	7027	0624	20	NY
7Q7XX	7002	0250	23	IA
9M6JO	7005	1455	20	OR
9X5HG	7005	0220	20	IA
A61AC	7010	2303	25	IL
C31LL	7005	0135	22	IA
H44IO	7008	1440	21	CA
H44XO	7003	1145	22	IA
HJØVGJ	7007	0255	27	FL
OD5/	7003	0150	21	GA
SP7LSE				
OY1CT	7003	0520	18	MA
OY2VO	7005	0600	21	CA
S59UN *	7006	1440	21	CA

TR8GR	7016	2137	19	NH
TR8YA	7021	0545	18	MA
UAØXAO	7008	0502	22	MA
UJ8JI *	7005	1155	19	MA
VP8GAV	7005	2310	23	VA

## 30 Meters

3B8CF	10104	0248	27	FL
7P8SR	10106	0327	18	VA
7Q7XX	10105	0035	23	GA
9M6JO	10110	2135	21	SC
A71AL	10101	2104	22	CT
FK8GJ	10105	1435	23	OR
FO/	10106	0250	27	FL
SM5NZY				
H44XO	10105	0927	24	CA
KH3AE	10108	0407	16	OR
OD5/	10105	2251	17	NY
SP7LSE				
TU4SR	10104	0310	22	SC
UAØXAO	10109	0226	18	CT
VK8GAV	10102	2103	21	CT
VQ9QM	10104	1210	20	VA
ZA1J	10105	2153	21	SC

## 20 Meter CW

4K1YAR	14025	0106	21	GA
4K2MAL	14003	2345	19	GA
4S7EA	14013	2300	20	MI
7P8SR	14032	0340	19	IA
8R1J	14025	0335	21	IL
C9RJJ	14019	0050	20	CA
FR5GL	14028	0239	18	CO
HFØPOL	14014	0035	17	CA
HSØZAA	14026	2327	18	NH
JX7DFA	14001	0122	21	OR
KC4/	14024	0416	20	IL
W6REC				
KC4AAA	14027	0220	22	GA
OD5PL	14008	0100	20	CA
OX3TW	14015	2246	21	CA
S21A	14004	2200	17	MI
S92SS	14009	2140	18	IA
TL8GR	14034	2029	22	MA
TU4SR	14025	0137	24	FL
UI8AA	14015	0240	22	GA
UJ8JA	14007	0250	22	GA
UJ8JA	14009	1304	17	MA
UJ8JI	14008	0225	20	GA
VI15ØSYD	14024	1304	23	VA
VP8GAV	14022	0312	23	IL
VP8VN	14011	2354	24	FL
VQ9AC	14027	2017	20	MI
VU2/	14008	0136	21	OR
SP6WM				
VU2IOC	14013	0101	19	MI
VU2ROI	14021	1805	22	CA
YB3OSE	14005	1350	19	MI
Z21CA	14042	0420	22	IL
Z21HS	14020	1258	21	IL
ZA1M	14025	1640	23	CA

## 20 Meter SSB

5V7DP	14295	0543	21	FL
5X5MB	14256	1739	20	IL
A41KB	14197	1532	23	CA
AP2AL	14186	0236	20	CA
CN8CH	14251	1907	18	CT
FR5DX	14190	0307	19	MA
HH2Z	14256	0110	17	CA
HV4NAC	14248	1707	21	CA
JT1BG	14192	0240	18	CA
JT1CS	14226	0256	19	MD
JT5AA	14174	0218	18	WI
JW9ML	14149	2253	21	CA
JX7DFA	14256	2143	20	MA
OD5ZZ	14197	2055	21	CA
TU4SR	14195	0200	20	GA
XX9AS	14195	1556	18	WI

## 17 Meter CW

7P8SR	18078	2108	22	WV
7Q7XX	18070	2206	19	SC
VQ9QM	18078	1935	21	GA
ZD8LII	18069	2245	21	GA

## 17 Meter SSB

J88AQ	18150	0010	22	KS
V73EX	18140	0118	16	CT

## 15 Meter CW

3XØHNU	21022	1535	22	GA
5R8WW	21032	2107	27	FL
6W6JX	21019	2105	19	NH
7Z2AB	21019	2058	17	FL
8R1J	21017	2233	22	NH
9X5HG	21019	0120	24	CA
9X5HG	21036	1240	22	IA
BY4RB	21024	0110	23	GA
C9RJJ	21018	2004	21	CO
EA9UK	21017	1435	24	VA
H44IO	21027	2249	24	VA
H44XO	21030	0149	24	FL
HJØVGJ	21027	2008	21	CO
HKØER	21035	2210	21	CA
JX7DFA	21010	1810	21	CA
JY9VC	21024	1220	25	FL
P29DK	21027	2106	21	CO
SØRASD	21024	1730	21	IA
TF3GCN	21030	1510	21	GA
TR8LVP	21021	2137	22	FL
TR8YA	21010	1944	18	WI
TU4SR	21025	2120	22	FL
VQ9AC	21026	1526	22	MA
ZA1M	21011	1340	20	IA
ZD8LII	21020	2222	21	CO

## 15 Meter SSB

5R8GW	21260	1650	25	NJ
5V7DP	21335	1650	21	GA
5X5MB	21335	1915	25	NJ
6W6JX	21300	2258	20	CA
7Q7LA	21268	1741	21	NC
7Q7ZZ	21287	1850	25	NJ
9L3BM	21230	1210	24	NY

D2EL	21280	2150	20	IA
T5BLU	21361	1841	17	MD
TU2PA	21330	2215	22	IL
TZ6RM	21288	2040	20	CA
UA8TAA	21240	0122	21	CO
UI8ZAA	21326	1259	22	NJ
V51ED	21227	1948	21	WI
ZA1BM	21322	1654	21	NC

## 12 Meter CW

7Q7XX	24891	1815	22	GA
8R1RPN	24905	1410	26	FL
FK8GJ	24898	2318	20	VA
H44IO	24901	2316	25	IL
HZ1HZ	24903	1554	19	CT
TU4SR	24895	1533	14	CT
YO3RA	24891	1531	20	CA

## 12 Meter SSB

9K2MU	24945	1424	19	CT
C31HK	24965	1624	20	CA
CN8MC	24955	1634	19	CA
FK8GS	24980	2155	21	MN
KH3AE	24953	2218	20	WV
TU4SR	24945	1731	21	MN
TZ6NU	24970	1626	21	CA
ZD7SM	24943	1909	22	IL

## 10 Meter CW

3XØHNU	28030	1600	21	GA
BY4RB	28025	0050	23	GA
C9RJJ	28005	1535	21	GA
HZ1HZ	28028	1425	18	IA
JX7DFA	28009	1725	20	IA
OD5/	28027	1325	20	CT
SP1MHV				
TR8LVP	28006	1330	22	IA
TR8YA	28037	1640	22	CA
TU4SR	28025	1211	23	VA
VP8GAV	28020	1405	25	VA
VU2BK	28039	1303	21	MA
XQØYAF	28010	1830	21	GA
YB3OSE	28023	2341	22	CA
Z21HS	28016	1300	21	FL

## 10 Meter SSB

4LØFWW	28452	1354	22	VA
7X5VBK	28475	1642	19	WI
A41KW	28565	1445	21	IA
C9RJJ	28480	1937	18	CO
CN8ST	28447	1535	28	NJ
FH/J28YC	28570	1556	21	CA
HH2PK	28335	1406	22	ME
KG4CB	28472	1259	22	ME
OD5MM	28475	1433	25	NJ
SU1AL/2	28532	1425	22	VA
T3ØNAD	28485	0112	22	CA
T77C	28463	1615	21	CA
TU4ST	28490	1328	23	VA
V51BG	28570	1645	18	NJ
VP2EE	28460	2217	17	CA
XX9AS	28380	0019	20	CO

## Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix</u>	<u>Callsign</u>	<u>Dates</u>	<u>Issue</u>
Antarctica	DL1KVC/P		14246 17-1900Z	I664
Antigua	V2/	VE3BW	Jan. 1-29	I664
Baker, Howland	KH1	/K9AJ	Jan. 26+	I664
Bangladesh	S2	S21A	14025± kHz 2200Z	I661
Burkina Faso	XT	XT2BW	14211 kHz 21Z	Sun.
Cayman Islands	ZF	ZF2RC	Dec. 9-16	I665
		ZF1A	Dec. 12-13	I666
Crozet	FT	FT4WD	soon	I664
Desecheo	KP5	NØTG	Dec. 28-Jan. 4	I666
Eastern Kiribati	T32	T32BE	Nov. 25-Dec. 5	I664
Fiji	3D	3D2s XO IO	QD Dec. 2-4	I661
Isle of Man	GD	GD4UOL	Nov. 20-Dec. 5	I661
Ivory Coast	TU	TU4SR	to Dec. 21	I665/6
Jordan	JY	JY8VJ	Nov. 21-Dec. 6	I662
Kingman Reef	KH5	NØAFW/	late Feb.	I666
Maldives	8Q	8Q?	Nov. 30-Dec. 7	I663
Martinique	FM	FM2GO	Nov. 22-Dec. 7	I664
Midway Island	KH4	KD7P/	late Nov.?	I663
Minami Torishima		JA9IPX/JD1	to Jan. 14	I659
New Caledonia	FK/	Ys	December	I661
Niue	ZK2	XI XJ	Dec. 2-9	I664
Rwanda	9X	9X5AB	now active	I662
St. Martin	FS	FS/AI7B	CQWW CW	I657
São Tomé	S9	S92SS	now active	I665
Seychelles	S7	S79S	Nov. 24+	I663
Singapore	9V	9V1XE	to Dec. 31	I659
		9V1YU	15M 15-1700Z	I661
		9V?	Dec. 7-10	I665
Somalia	T5	T5CB	this month	I666
South Georgia	VP8	VP8CGK	14050 kHz 18Z	I661
Tonga	A35	JA/JE	to Dec. 10	I666
Trinidad	PYØ	PTØTSN	to Dec. 5	I660
Uganda	5X	5X5WR	Now on CW	I666
Wallis Island	FW	FW/Ys	Dec. 5-15	I661

## Operating Events and DX Gatherings

<u>Dates</u>	<u>Event</u>	<u>Reference:</u>
Dec. 4-6	ARRL 160-Meter Contest	<u>QST</u>
Dec. 6	Finland Independence	<u>I663</u>
Dec. 12-13	ARRL 10-Meter Contest	<u>QST</u>
Dec. 13	TARA RTTY Sprint	<u>I666</u>
Jan. 2-3, 1993	ARRL RTTY Roundup	<u>QST</u>

## Contributors

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## Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
Albania	ZA1J	10103±	22-2400Z
Albania	ZA1M	21020±	1400Z
Bangladesh	S21A	14004±	22-0200Z
Chagos	VQ9QM	10104	1200Z
China	BY4RB	21024	0110Z
Easter Island	XQØYAF	28010	1830Z
Eastern Malaysia	9M6JV	7004	0200Z
Estonia	ESØNW	10102	0300Z
Gabon	TR8YA	15M CW	1945Z
Guinea	3XØHNU	21021	1530Z Sun.
Indonesia	YB3OSE	14006	1400Z
Indonesia	YB3OSE	10M CW	0000Z
Jan Mayen	JX7DFA	28010	1730Z
Lebanon	OD5/SP7LSE	7002	0200Z
Lebanon	OD5/SP7LSE	10106	23-0300Z



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<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
Lesotho	7P8SR	14030±	0400Z
Malawi	7Q7XX	10103±	0030Z
Malaysia	9M2NA	14010	2230Z
Malaysia	9M2AX	24895	0100Z
Mauritius Island	3B8CF	10104	0230Z
Mayotte	FH/J28YC	28540±	16-1700Z
Morocco	CN8MC	24955	1630Z
Mozambique	C9RJJ	14025±	0400Z
Mozambique	C9RJJ	21029±	20-2200Z
Mozambique	C9RJJ	10M CW	1530-17Z
Pakistan	AP2AL	14184	0230Z
San Andrés	HJØVGJ	21027	2000Z
Sri Lanka	4S7WP	14004	2200Z
Tajikistan	UJ8JI	7005	1200Z
Uzbekistan	UI8AA	14020±	0240Z
Zimbabwe	Z21CA	14042	0420Z